

## 2018 Current Fiscal Year Report: National Science Advisory Board for Biosecurity

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### 1. Department or Agency

Department of Health and Human Services

### 2. Fiscal Year

2018

### 3. Committee or Subcommittee

National Science Advisory Board for Biosecurity

### 3b. GSA Committee No.

21482

### 4. Is this New During Fiscal Year?

No

### 5. Current Charter

04/07/2018

### 6. Expected Renewal Date

04/07/2020

### 7. Expected Term Date

### 8a. Was Terminated During Fiscal Year?

No

### 8b. Specific Termination Authority

### 8c. Actual Term Date

### 9. Agency Recommendation for Next Fiscal Year

Continue

### 10a. Legislation Req to Terminate?

Not Applicable

### 10b. Legislation Pending?

Not Applicable

### 11. Establishment Authority

Authorized by Law

### 12. Specific Establishment Authority

42 USC 217a, Section 222 of the PHS

### 13. Effective Date

11/22/1962

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee

Scientific Technical Program Advisory Board

### 16a. Total Number of Reports

No Reports for this Fiscal Year

### 17a. Open Meetings and Dates

No Meetings

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$6,800.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$52,498.22	\$53,018.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$31,000.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$1,000.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$16,968.66	\$75,937.00

<b>18d. Total</b>	<b>\$69,466.88</b>	<b>\$167,755.00</b>
<b>19. Federal Staff Support Years (FTE)</b>	<b>0.40</b>	<b>0.40</b>

**20a. How does the Committee accomplish its purpose?**

The purpose of the National Science Advisory Board for Biosecurity (NSABB) is to provide, as requested, advice regarding biosecurity oversight of “dual use research,” which for these purposes is defined as life sciences research with legitimate scientific purpose, but that generates information, products, and technologies that could be misused to pose a biological threat to public health or national security. The NSABB meets, as needed, to complete the taskings assigned by the United States Government. Working Groups of the NSABB convene between full board meetings to work on assigned issues and to develop draft reports. Working Group progress reports and draft reports are ultimately presented to the full Board for its consideration, input, and approval. Final NSABB recommendations and reports are submitted to the NIH Director, HHS Secretary, and the heads of other Federal agencies that conduct or support life sciences research.

**20b. How does the Committee balance its membership?**

In advising on the efficient and effective oversight of dual use life sciences research, the NSABB must consider both public health and national security needs and the needs of the research community. Because this requires a diverse range of expertise, the Committee is composed of up to 25 voting members, providing broad expertise in areas such as clinical infectious disease, laboratory biosafety/biosecurity, public health and epidemiology, pharmaceutical production, veterinary medicine, plant health, molecular biology and genomics, bioethics, national security, biodefense, law and law enforcement, ethics, and scientific publishing. In appointing these members, careful consideration is also given to geographic, gender, and race/ethnicity balance. In addition, non-voting ex officio members represent the Executive Office of the President, the Departments of Health and Human Services, Energy, Homeland Security, Veterans Affairs, Defense, Interior, Agriculture, Justice, State, and Commerce, the Environmental Protection Agency, National Science Foundation, and the intelligence community.

**20c. How frequent and relevant are the Committee Meetings?**

The number of committee meetings varies by year because the NSABB is convened on an as-needed basis rather than on a periodic basis. The NSABB was not convened during this reporting period.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

The NSABB is the only existing body of outside experts organized to specifically address

dual use of life sciences research issues. The NSABB also brings a unique and broad range of perspectives and expertise, including biomedical, plant, and animal research; biosecurity, law, law enforcement, scientific publishing, biodefense, and intelligence.

## 20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

## 21. Remarks

The Committee Decision Maker and the Designated Federal Official are the same person due to the assignment of duties within the Office of Science Policy. Even though the committee did not meet this fiscal year, costs for staff support and administrative expenses have been included. The committee plans to hold meetings in the future.

## Designated Federal Officer

Jessica Tucker Director, Division of Biosafety, Biosecurity, and Emerging Biotechnology Policy

Committee Members	Start	End	Occupation	Member Designation
BERNARD, KENNETH	06/15/2016	06/14/2020	RET	Special Government Employee (SGE) Member
BOEHM, JASON	01/01/2014	01/01/2018	DIRECTOR, PROGRAM COORDINATION OFFICE	Ex Officio Member
CAMERON, CRAIG	11/25/2014	06/14/2018	PROFESSOR	Special Government Employee (SGE) Member
CHIU, F.	01/01/2018	01/01/2022	DVA	Regular Government Employee (RGE) Member
DION-SCHULTZ, AMANDA	01/01/2012	01/01/2018	OFFICE OF THE CHIEF SCIENTIST	Ex Officio Member
EPSTEIN, GERALD	01/01/2012	01/01/2018	ASSISTANT DIRECTOR FOR BIOSECURITY AND EMERGING TECHNOLOGIES	Ex Officio Member
FAUCI, ANTHONY	01/01/2014	01/01/2018	DIRECTOR OF NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASE	Ex Officio Member
HALL, WENDY	01/01/2016	01/01/2018	SPECIAL SENIOR ADVISOR FOR BIOLOGICAL THREATS	Ex Officio Member
HAMMARSKJOLD, MARIE-LOUISE	11/20/2014	06/14/2018	PROFESSOR	Special Government Employee (SGE) Member
HASSELL, DAVID	06/09/2014	01/19/2018	DEPUTY ASSISTANT SECRETARY OF DEFENSE FOR CHEMICAL AND BIOLOGICAL DEFENSE	Ex Officio Member
HU-PRIMMER, JEAN	01/01/2018	01/01/2022	HHS	Regular Government Employee (RGE) Member
JAYAN, GEETHA	01/01/2018	01/01/2022	FDA	Regular Government Employee (RGE) Member
KANABROCKI, JOSEPH	06/15/2008	06/14/2018	ASSISTANT DEAN FOR BIOSAFETY	Special Government Employee (SGE) Member
KINSINGER, ANNE	01/01/2012	01/01/2018	ASSOCIATE DIRECTOR FOR BIOLOGY	Ex Officio Member
KOEHLER, THERESA	07/20/2015	06/14/2018	CHAIR, DEPARTMENT OF MICROBIOLOGY	Special Government Employee (SGE) Member
LAYTON, MARCELLE	04/01/2015	06/14/2018	ASSISTANT COMMISSIONER	Special Government Employee (SGE) Member
LEDUC, JAMES	11/24/2014	06/14/2018	DIRECTOR	Special Government Employee (SGE) Member

LEE, MARGIE	11/19/2014	06/14/2018	PROFESSOR	Special Government Employee (SGE) Member
MACRINA, FRANCIS	11/18/2014	06/14/2018	EDWARD MYERS PROFESSOR	Special Government Employee (SGE) Member
MCDADE, JOSEPH	11/19/2014	06/14/2018	SCIENTIST-IN-RESIDENCE AND ADJUNCT FACULTY MEMBER	Special Government Employee (SGE) Member
MICELI, ROBERT	01/01/2014	01/01/2018	BIOLOGICAL ISSUE MANAGER AND ADVISOR TO THE DIRECTOR	Ex Officio Member
MORSE, STEPHEN	05/01/2015	06/14/2018	PROFESSOR OF EPIDEMIOLOGY	Special Government Employee (SGE) Member
PARK, CHRISTOPHER	01/01/2012	01/01/2018	DIRECTOR, BIOLOGICAL POLICY STAFF	Ex Officio Member
PATTERSON, JEAN	11/19/2014	06/14/2018	CHAIR, DEPARTMENT OF VIROLOGY AND IMMUNOLOGY	Special Government Employee (SGE) Member
PHILLIPS, SALLY	01/01/2016	01/01/2018	DEPUTY ASSISTANT SECRETARY	Ex Officio Member
POLK, JAMES	01/01/2018	01/01/2022	NASA	Regular Government Employee (RGE) Member
RESNICK, GARY	11/18/2014	06/14/2018	GUEST SCIENTIST	Special Government Employee (SGE) Member
SANDRI-GOLDIN, ROZ	06/15/2016	06/14/2020	UC-IRVINE	Special Government Employee (SGE) Member
SAYLES, GREGORY	01/01/2015	01/01/2018	ACTING DIRECTOR	Ex Officio Member
SHAW, MICHAEL	01/01/2014	01/01/2018	SENIOR ADVISOR FOR LABORATORY SCIENCE	Ex Officio Member
SILVERSTEIN, JEFFREY	01/01/2018	01/01/2022	USDA	Regular Government Employee (RGE) Member
STANLEY, SAMUEL	06/15/2008	06/14/2020	PRESIDENT	Special Government Employee (SGE) Member
WEATHERWAX, SHARLENE	01/01/2015	01/01/2018	ASSOCIATE DIRECTOR OF SCIENCE	Ex Officio Member
WOODLAND, DAVID	11/22/2014	06/14/2018	CHIEF SCIENTIFIC OFFICER	Special Government Employee (SGE) Member
YOU, EDWARD	01/01/2012	01/01/2018	SUPERVISORY SPECIAL AGENT	Ex Officio Member

**Number of Committee Members Listed: 35**

## Narrative Description

The purpose of the National Science Advisory Board for Biosecurity (NSABB) is to provide advice, guidance, and leadership regarding biosecurity oversight of dual use research, defined as biological research with legitimate scientific purpose that may be misused to pose a biologic threat to public health and/or national security. The NSABB advises the Secretary of the Department of Health and Human Services (HHS), the Director of the National Institutes of Health (NIH), and the heads of all federal departments and agencies that conduct or support life science research. The NSABB advises on and recommends specific strategies for the efficient and effective oversight of federally conducted or supported dual-use biological research, taking into consideration both national security concerns and the needs of the research community.

**What are the most significant program outcomes associated with this committee?**

Checked if Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

### Outcome Comments

The Committee is advisory on significant policy issues that have the potential to affect the oversight of all federally-funded life sciences research. In addition, the policies that are informed by its recommendations assure the public that the scientific community conducts and communicates its research in a responsible manner.

### What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

### Cost Savings Comments

This Committee provides advice, guidance, and leadership as stated in the narrative above. It can take many years for the impacts of these recommendations to come to fruition.

### What is the approximate Number of recommendations produced by this committee for the life of the committee?

229

### Number of Recommendations Comments

The committee issued no recommendations in FY18.

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

0%

**% of Recommendations Fully Implemented Comments**

Due to the large breadth and complexity of the recommendations made by this committee on policy and program areas, NIH staff is unable to determine which recommendations have been fully or partially implemented solely in response to this committee's activities.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

**% of Recommendations Partially Implemented Comments**

N/A

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☒ No ☐ Not Applicable ☐

**Agency Feedback Comments**

Meeting minutes, written reports, and oral presentations.

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

**Action Comments**

The NSABB makes recommendations to federal departments and agencies on the oversight of life sciences dual use research of concern. NSABB recommendations delivered in FY16 informed the development and implementation of new federal policy to guide federal funding decisions on proposed research that is reasonably anticipated to

create, transfer, or use enhanced potential pandemic pathogens.

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

N/A

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

**Access Comments**

N/A